



Operating instructions

Commercial dishwasher

G 8050 / G 8051

To avoid the risk of accidents or damage to the machine it is **essential** to read these instructions before it is installed, commissioned and used for the first time.



M.-Nr. 06 749 290

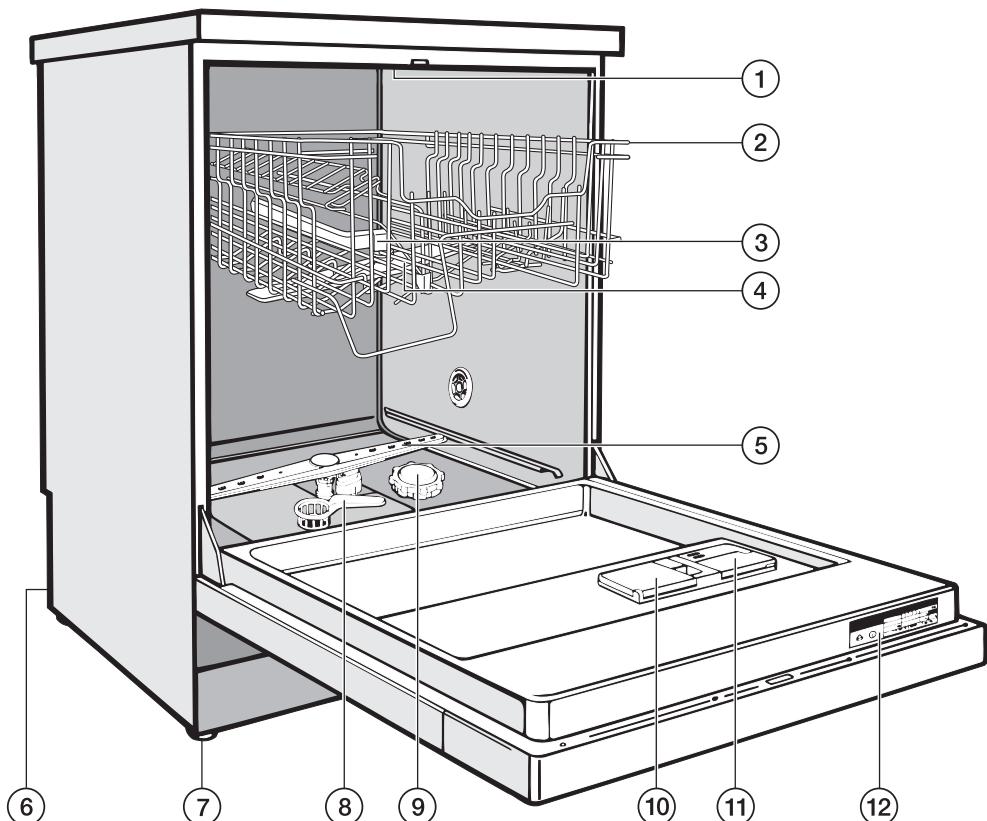
Contents

Guide to the machine	4
Overview	4
Control panel	5
Warning and Safety instructions	6
Caring for the environment	10
Disposal of the packing material	10
Disposal of your old machine	10
Energy-saving washing	10
Before using for the first time	11
Before using the machine for the first time you require:	11
To open the door	12
To close the door	12
Child safety lock	12
Water softener	13
Programming the water hardness level	14
Checking the programmed water hardness level	15
Filling the salt reservoir	16
Salt indicator	17
Rinse aid	18
Adding rinse aid	18
Rinse aid indicator	19
Setting the rinse aid dosage	20
Loading the machine	21
Items not suitable for dishwashers:	22
Upper basket	23
Adjusting the upper basket	24
Lower basket	25
Lower basket inserts	26
Operation	27
Detergent	27
Adding detergent	28
Switching on	29
Selecting a programme	29
Starting a programme	29
Programme sequence indicators	30
Display	30

At the end of a programme	31
Switching off	31
Unloading the dishwasher	31
Interrupting a programme	32
Changing a programme	32
Additional functions	33
Delay start	33
Drying	34
Programming special functions	35
Dispensing system settings for DOS Module G 60 or C 60 (optional extras)	35
Setting the dosage:	35
Venting the dispensing system:	36
Special function 1	
Increasing the final rinse temperature	37
Special function 2	
Increasing the water level	39
Cleaning and care	41
Cleaning the filters in the wash cabinet	41
Cleaning the spray arms	43
Cleaning the wash cabinet	44
Cleaning the door and the door seal	44
Cleaning the control panel	44
Cleaning the door front	45
Problem solving guide	46
Problem solving	54
Cleaning the water inlet filter	54
Cleaning the drain pump and non-return valve	55
After sales service	57
Installation	58
Free-standing (G 8050)	58
Integrated ("i") dishwashers (G 8051)	58
Built-under ("U") (without a lid or rear panel) (G 8050 U)	59
Electrical connection	61
Plumbing	62
Programme chart	64
Technical data	66

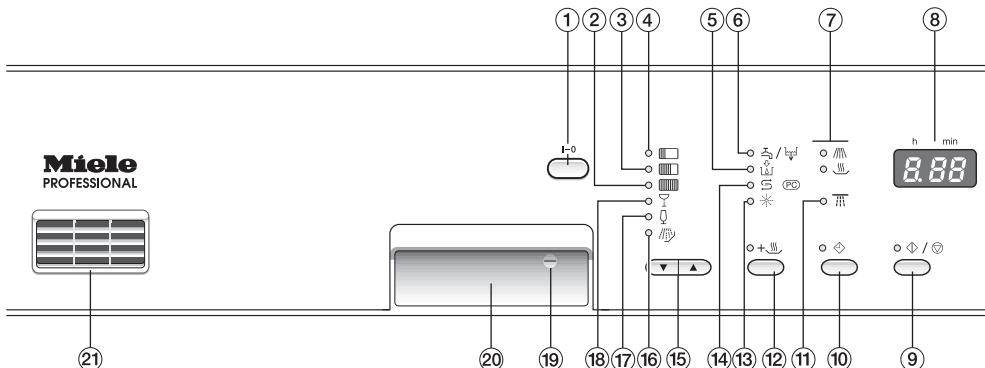
Guide to the machine

Overview



- ① Upper spray arm (not visible)
- ② Upper basket
- ③ Water feed for middle spray arm
- ④ Middle spray arm
- ⑤ Lower spray arm
- ⑥ Connection for DOS module
- ⑦ Four height adjustable screw feet
- ⑧ Filter combination
- ⑨ Salt reservoir
- ⑩ Dual compartment detergent dispenser
- ⑪ Rinse aid reservoir (with dosage selector)
- ⑫ Data plate

Control panel



- ① On/Off button
- ② MAXI programme indicator light
- ③ MIDI programme indicator light
- ④ MINI programme indicator light
- ⑤ Add liquid cleaning agent indicator light (only applies to machine fitted with an optional external DOS module)
- ⑥ Check water inlet/Drain indicator light
- ⑦ Programme sequence indicators
- ⑧ Display
- ⑨ Start/Stop button
- ⑩ Delay start button
- ⑪ Check spray arm indicator light
- ⑫ Drying button
- ⑬ Add rinse aid indicator light
- ⑭ Add salt indicator light
- ⑮ Programme selector buttons
- ⑯ COLD programme indicator light
- ⑰ BEER GLASSES programme indicator light
- ⑱ GLASSWARE programme indicator light
- ⑲ Child safety lock
- ⑳ Door release
- ㉑ Ventilation outlet for drying fan

Warning and Safety instructions

This machine complies with all relevant local and national safety requirements. Incorrect use can lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the machine please read these instructions carefully before starting to use this machine.

Keep these instructions in a safe place for reference, and pass them on to any future user.

Correct use

This machine is designed for cleaning crockery and glassware only, as described in these instructions. Alterations to the machine, or using it for purposes other than those for which it was designed, are unauthorised and could cause harm.

The manufacturer cannot be held liable for damage caused by improper or incorrect use of the machine.

This equipment may only be used in mobile installations such as ships, caravans, aircraft etc. if a risk assessment of the installation has been carried out by a suitably qualified engineer.

Please pay attention to the following notes to avoid injury and damage.

This machine should be commissioned and then maintained by a Miele authorised service technician or other suitably qualified and competent approved person. Repairs and other work by unqualified persons could be dangerous.

Do not install the machine in an area where there is any danger of explosion or of freezing conditions.

The electrical safety of this machine can only be guaranteed if connected to a correctly installed earthing system on-site. It is most important that this basic safety requirement is tested regularly and, where there is any doubt, the on-site wiring should be checked by an electrician.

The manufacturer cannot be held liable for damage or injury caused by the lack of or inadequacy of an effective earthing system (e.g. electric shock).

A damaged machine is dangerous. Switch off at the mains immediately and call the Miele Service Department or an authorised Miele Service Dealer.

Warning and Safety instructions

■ Personnel operating the machine should be trained regularly.

Untrained personnel should not be allowed access to the machine or its controls.

■ This machine is not a toy. Do not allow children to play in or around it or to operate it. There is a danger that they could injure themselves or get into the machine and lock themselves in.

■ Take great care when handling liquid agents and additives. These may contain irritant or corrosive ingredients. Do not use organic solvents as these could cause an explosion.

Follow all relevant safety procedures carefully. Wear protective gloves and goggles. With all chemical agents, the manufacturer's safety conditions must be observed.

■ Avoid inhalation of powder cleaning agents. They can cause burning in the mouth and throat if swallowed, and can inhibit breathing.

■ The water in the machine must not be used as drinking water.

■ Do not sit or lean on an open door. This could cause the machine to tip up and be damaged or cause an injury.

■ Be careful when sorting items with sharp pointed ends and positioning them in the machine that you do not hurt yourself or create a danger for others. Sharp knives etc. should be placed in baskets with the pointed ends facing downwards.

■ When using this machine in the higher temperature ranges be especially careful not to scald or burn yourself when opening the door. Baskets and inserts must be allowed to cool down before they are unloaded. Any water remaining in containers could still be very hot. Empty them into the wash cabinet before taking them out.

■ Do not touch the heating elements or the heated surfaces on the wash cabinet floor during or directly after the end of a programme. You could burn yourself. They remain hot for some time after the end of the programme.

■ Never clean the machine or near vicinity with a water hose or a high pressure hose.

■ Before any maintenance or repair work is carried out, the machine must be disconnected from the mains supply by switching off at the mains and withdrawing the plug from the socket or by withdrawing the mains fuse.

Warning and Safety instructions

The following points should be observed to assist in maintaining quality standards, to protect users, and to avoid damage to the machine and items being cleaned.

■ Only use cleaning agents designed for use in this type of machine. Using unsuitable cleaning agents could adversely affect the machine, as well as items being cleaned.

■ Only use low-foaming cleaning agents. Incorrect cleaning agents, as well as some types of soiling, can cause a build-up of foam in the drum. Foam can have an adverse effect on the cleaning process.

■ Where a chemical additive is recommended on technical application grounds (e.g. a cleaning agent), this does not imply that the manufacturer of the machine accepts liability for the effect of the chemical on the items being cleaned.

Please be aware that changes in formulation, storage conditions etc, which may not be publicised by the chemical manufacturer, can have a negative effect on the cleaning result.

■ When using cleaning agents and special application chemicals, it is essential that the manufacturer's instructions are followed. Only use such chemicals for the purpose and in the situation specified, to the exclusion of other chemicals, to avoid such dangers as chemical reactions and material damage.

■ The machine is designed for operation with water and additive cleaning agents only. Organic solvents must not be used in this machine, as there is the danger under certain circumstances of fire or explosion. (Although this is not the case with all organic solvents, other problems could arise with their use, for example damage to rubber and synthetic materials).

■ In critical applications where very stringent requirements have to be met, it is strongly recommended that all the relevant factors for the process, such as cleaning agents, water quality etc., are discussed with the Miele Application Technology specialists.

■ If cleaning and rinsing results are subject to particularly stringent requirements (e.g. chemical analysis, specialised industrial processes etc.), a regular quality control test must be carried out by the user to ensure that required standards of cleanliness are being achieved.

■ The special inserts should only be used for their specific application.

■ Empty any containers or utensils before arranging them in the machine.

Warning and Safety instructions

Do not allow any remains of acids or solvents, and in particular hydrochloric acid or chloride solutions, to get into the wash cabinet. Similarly avoid any materials with a corrosive effect.

The presence in compounds of any solvents should be minimal (especially those in hazard class A1).

To avoid any corrosion damage, ensure that solutions or steam containing hydrochloric acid do not come into contact with the steel outer casing of the machine.

Please follow the advice on installation in these instructions and the separate Installation Instructions.

Accessories

Only use genuine Miele accessories with this machine. Consult Miele on the type and application of such equipment.

Disposal of your old machine

Before disposing of your old machine, first make it unusable. Disconnect it from the mains, cut off the cable near the machine and cut off and render any plug unusable. For environmental and safety reasons ensure the machine is completely drained of any residual water and cleaning agent. (Observe safety regulations and wear safety goggles and gloves). Make the door lock inoperative, so that children cannot accidentally shut themselves in. Then make appropriate arrangements for the safe disposal of the machine. For tank system machines ensure that any water is emptied out of the tank.

The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

Caring for the environment

Disposal of the packing material

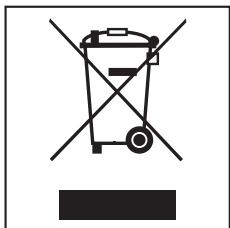
The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Rather than just throwing these materials away, please ensure that they are offered for recycling.

Disposal of your old machine

Electrical and electronic machines often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your machine. Please do not therefore dispose of it with your household waste.



Please dispose of it at your local community waste collection/recycling centre, and ensure that it presents no danger to children while being stored for disposal.

It should be unplugged or disconnected from the mains electricity supply by a competent person. The plug must be rendered useless, and the cable cut off directly behind it to prevent misuse. See the "Warning and Safety" section of this booklet for further details.

Energy-saving washing

This dishwasher is exceptionally economical in its use of water and electricity. You can make the most of your machine by following these tips:

- If your household water system is suitable, this dishwasher can be connected to a hot water supply, for further economies. *)

Although all stages of the wash then take place with hot water, savings are made in:

- the use of primary energy,
- costs,
- programme running time.

If, however, your water is heated by electricity we would recommend connection to cold water.

- For most economical dishwashing make full use of the baskets without overloading the dishwasher.
- Choose the programme to suit the type of crockery being washed and the degree of soiling.
- Follow the detergent manufacturer's recommendations on detergent dosage.
- Use only 2/3 of the given dosage if baskets are only half full.

*) Connect the dishwasher to cold water if it is mainly used for washing glassware and beer glasses.

Before using for the first time

Before using the machine for the first time you require:

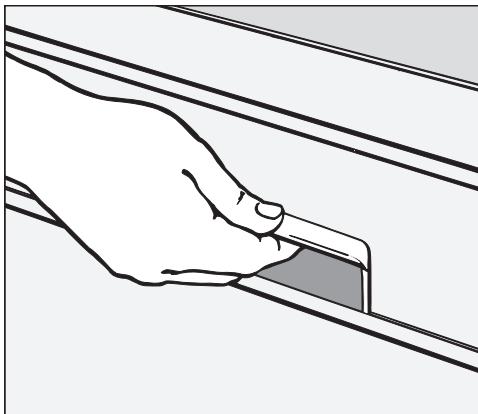
- approx. 2 litres of water,
- approx. 2 kg dishwasher reactivation salt,
- dishwasher detergent,
- rinse aid.

Every dishwasher is tested at the factory.

There will be residual water in the machine from this test. It is not an indication that it has been used previously.

Before using for the first time

To open the door



- Press the release catch inside the door grip and pull forward.

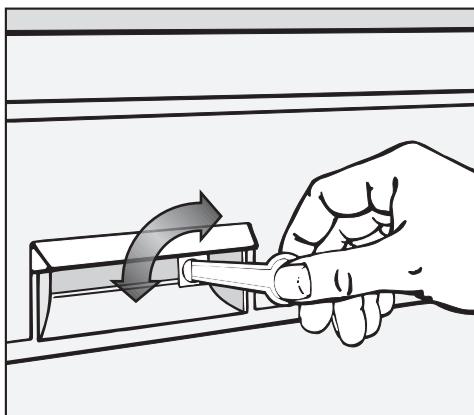
If the door is opened during operation all functions are automatically interrupted.

To close the door

- Push the baskets right in, lift the door and push until it clicks into position.

Child safety lock

The yellow key for the child safety lock is on one of the spikes at the front of the upper basket. Remove the key before switching on the dishwasher and keep it in a safe place away from the dishwasher.



To prevent children opening the dishwasher door during operation, use the key to lock the door.



Horizontal setting:
The door is locked.



Vertical setting:
The door can be opened.

Water softener

In order to achieve good cleaning results, the dishwasher needs to operate with soft water. Hard water results in the build-up of calcium deposits on crockery and in the dishwasher.

Mains water with a hardness level higher than 0.7 mmol/l (4° d – German scale) needs to be softened. This takes place automatically in the integrated water softener.

- The water softener requires dishwasher reactivation salt.
- The dishwasher must be programmed for the water hardness in your area.
- Your local water authority will be able to advise you of the water hardness level in your area.

Where the water hardness fluctuates e.g. between 1.4 - 3.1 mmol/l (8 - 17 °d German scale) always programme the dishwasher to the higher value (3.1 mmol/l in this example).

In the case of a fault, it will help the service technician if you know the hardness of your local water supply.

- Enter the water hardness below:

mmol/l or °d

The dishwasher is programmed at the factory for a water hardness level of 3.4 mmol/l (19 °d).

If this setting corresponds to the hardness of your water you do not need to do anything more.

If your water is harder or softer, you will need to programme the water hardness level using the buttons on the control panel. Each time a button is pressed one of the other indicator lights will flash and light up in the control panel. However, only the indicator lights mentioned in the following programming process stages are significant.

The programming procedure can be cancelled at any time by pressing the On/Off button. The procedure can then be re-started from the beginning again.

Before using for the first time

Programming the water hardness level

- Switch the dishwasher off with the On/Off button **I-0**.
- Press the **+ ** and **◊/▽** buttons in and **whilst holding them in** switch the dishwasher on with the On/Off button **I-0**.

Then release these buttons.

The "Main wash/Rinses"  indicator light will come on and the "Salt"  indicator light will flash.

If this does not happen, start the procedure from the beginning again.

If the following flashes in the timer display: **R 19**

The water hardness level has been set to 2.5 mmol/l (19 °d).

- Use the programme selector buttons   to select the value that corresponds to your water hardness level (see chart on the right).

Use the  button to scroll down and select a lower value.

Use the  button to scroll up and increase the value.

The value selected will appear in the display.

A two digit value flashes in the display with one figure alternating with the other.

- Press the Start/Stop button **◊/▽** twice.

The indicator light beside the **◊/▽** button will flash.

The programmed water hardness level is now stored in memory.

- Switch the dishwasher off with the On/Off button **I-0**.

Before using for the first time

°d German scale	mmol/l	°f	Value displayed
1	0.2	2	1
2	0.4	4	2
3	0.5	5	3
4	0.7	7	4
5	0.9	9	5
6	1.1	11	6
7	1.3	13	7
8	1.4	14	8
9	1.6	16	9
10	1.8	18	10
11	2.0	20	11
12	2.2	22	12
13	2.3	23	13
14	2.5	25	14
15	2.7	27	15
16	2.9	29	16
17	3.1	31	17
18	3.2	32	18
19	3.4	34	19
20	3.6	36	20
21	3.8	38	21
22	4.0	40	22
23	4.1	41	23
24	4.3	43	24
25	4.5	45	25
26	4.7	47	26
27	4.9	49	27
28	5.0	50	28
29	5.2	52	29
30	5.4	54	30
31	5.6	56	31
32	5.8	58	32
33	5.9	59	33
34	6.1	61	34
35	6.3	63	35
36-70	6.5-12.6	65-126	36

Checking the programmed water hardness level

- Switch the dishwasher off with the On/Off button **I-0**.
- Press the **+  and ** buttons in and **whilst holding them in** switch the dishwasher on with the On/Off button **I-0**.

Then release these buttons.

The hardness level set will flash in the display.

The digit sequence after the **R** indicates the hardness level set in °d.

- Switch the dishwasher off with the On/Off button **I-0**.

Before using for the first time

Filling the salt reservoir

In order to achieve good cleaning results, the dishwasher needs to operate with soft water. Hard water results in the build-up of calcium deposits on crockery and in the dishwasher.

Mains water with a hardness level higher than 0.7 mmol/l (4° d – German scale) needs to be softened. This takes place automatically in the integrated softener unit.

The softener unit requires dishwasher salt.

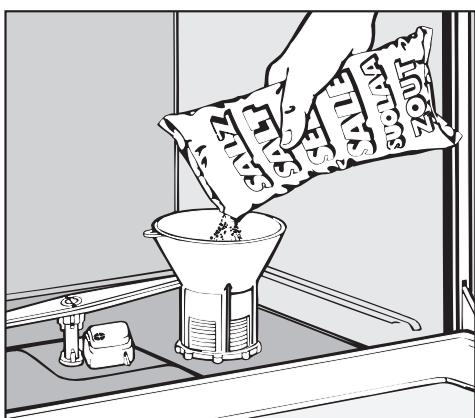
- Your local water authority will be able to advise you of the water hardness level in your area.

If the water in your area is very soft and constantly **lower than 0.7 mmol/l (4 °d)** you do **not need to add dishwasher salt**.

Important: Before filling the salt reservoir with dishwasher salt for the **first time**, you must fill it with approx. 2 litres of water to enable the salt to dissolve. Once the dishwasher has been used, there is always sufficient water in the reservoir.

⚠ Only use special coarse grained dishwasher salt for reactivation. Do not use other salts such as cooking salt, agricultural grade or gritting salt. These may contain insoluble additives which can impair the functioning of the water softener.

- Remove the lower basket and unscrew the salt reservoir cap.
- Fill the reservoir with approx. 2 litres of water (first use only).



- Place the funnel provided over the salt reservoir and carefully fill with salt until the reservoir is full. The salt reservoir holds approx. 2 kg of salt depending on the brand used.

⚠ Inadvertently filling the salt reservoir with powder or liquid dishwasher detergent always leads to serious damage to the water softener. Make sure you have picked up the correct packet of dishwasher salt before filling the salt reservoir!

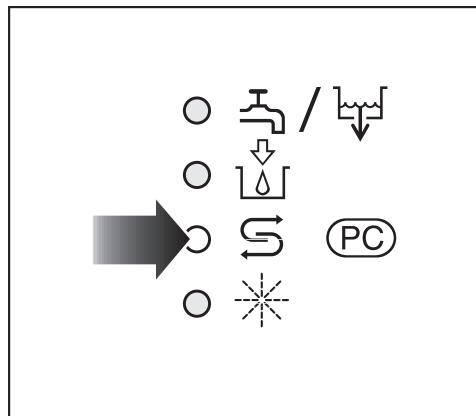
Before using for the first time

As the salt reservoir is filled, displaced water will overflow.

- Clean any excess salt from around the reservoir opening and then screw the cap on again firmly.
- Run the COLD  programme immediately to remove any traces of salt water from the cabinet.

Salt indicator

The salt indicator light comes on to notify you that the reservoir is empty.



- The reservoir should then be refilled with dishwasher salt.
(See: Filling the salt reservoir).

After the reservoir has been filled, the water softener is automatically reactivated the next time the dishwasher is run. The salt indicator light may still be illuminated during this process. It will go out once the salt concentration has reached the correct level.

Note

If the water in your area is very soft and constantly lower than 0.7 mmol (4 °d) you do not need to add salt to the reservoir. The salt indicator light, however, will still come on, but should be ignored.

The salt refill indicator light is also used as a programming interface point by service technicians. See "After sales service" for details of this.

Before using for the first time

Rinse aid

Rinse aid is necessary to ensure water does not cling and leave marks on crockery during the drying phase and helps crockery dry faster after it has been washed.

Rinse aid is poured into the storage reservoir and the amount set is dispensed automatically.

⚠ Inadvertently filling the rinse aid reservoir with powder or liquid detergent always causes serious damage to the reservoir. Only pour rinse aid formulated for dishwashers into the reservoir.

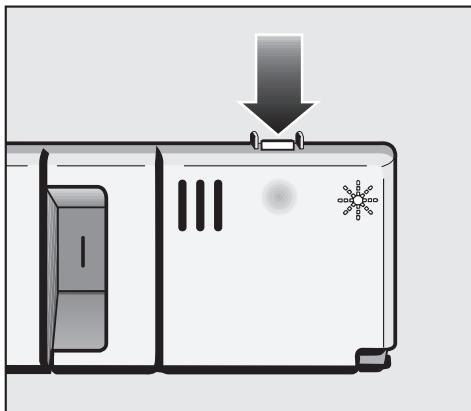
Alternatively, it is possible to use

- Household vinegar with a max. 5% acid content
- or
- Liquid citric acid up to 50% acid content.

The resulting rinsing and drying quality will not, however, be as good as when rinse aid is used.

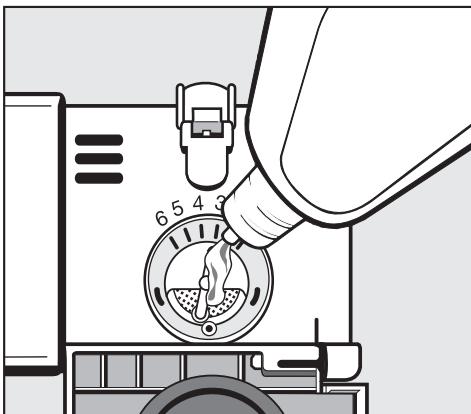
⚠ Do not use vinegar with a higher acid content (e.g. vinegar essence 25% acid). This would damage the dishwasher.

Adding rinse aid



- Press the button on the lid of the rinse aid reservoir in the direction of the arrow until the flap springs open.

Before using for the first time



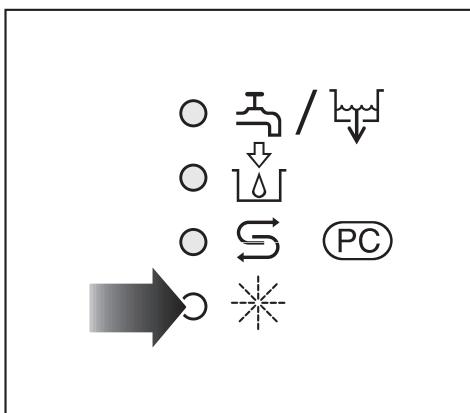
- Add rinse aid only until it is visible on the surface of the filter in the opening.

The rinse aid reservoir holds approx. 130 ml.

- Close the flap firmly so that it clicks into place. Otherwise water would enter the rinse aid reservoir during a programme.
- Wipe up any spilled rinse aid. This prevents over-foaming occurring during the next programme.

Rinse aid indicator

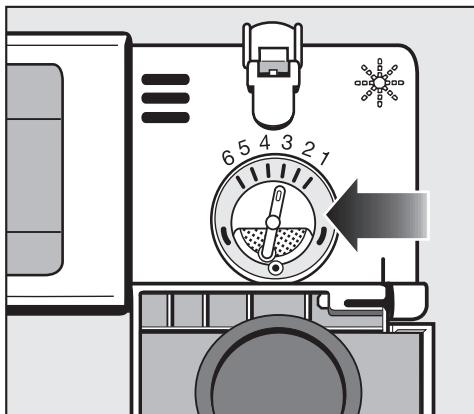
When the light comes on the reservoir contains sufficient rinse aid for 2 - 3 programmes only.



- Add rinse aid in plenty of time.

Before using for the first time

Setting the rinse aid dosage



The dosage selector has settings from 1-6. It is set to "3" (3 ml) at the factory. Approx. 3 ml of rinse aid are then used per programme. This is a recommended setting.

If spots appear on crockery and glassware:

- Use a higher setting.

If clouding or smearing appears on crockery and glassware:

- Use a lower setting.

Loading the machine

Preparing the load

- Remove coarse residues and empty all containers before loading into the machine.

Please note

- Load items so that water will come into contact with all surfaces. This ensures that they will be properly cleaned.
- Do not place items to be cleaned inside other pieces where they may be concealed.
- Hollow items such as cups, glasses, pots etc. should be inverted and placed in the correct inserts. The water must be able to access them unhindered.
- Deep-sided items should be placed at an angle to make sure water runs off them freely.
- Tall, narrow, hollow items should be placed in the centre of the baskets to ensure better water coverage.
- Small items should be placed on the cup racks in the upper basket. Do not obscure them by larger items below, e.g. place bowls on the rack above the cups so that water reaches all items.

■ The spray arms must not be blocked by items which are too tall or which hang down in their path. If in doubt, test for free movement by manually rotating the spray arms.

■ Do not place very tall items in the front right hand area of the lower basket as these would prevent the detergent dispenser lid from opening.

Use the upper basket for:

- Small, lightweight delicate items such as cups, saucers, glasses, dessert bowls etc., as well as for lightweight, thermally stable, plastic items.

Use the bottom basket for:

- Larger and heavier items such as plates, serving dishes, saucepans, bowls etc. Glasses may only be cleaned in the bottom basket if it is fitted with a special glassware insert or if there is a special bottom basket.

Cutlery

- Unsorted cutlery should be placed in the cutlery holders with the handles facing downwards.

However, to avoid the risks of injury etc. sharp knives and forks should be placed with the pointed end facing downwards.

Select baskets and inserts which are appropriate for the application.

See examples on the following pages.

Loading the machine

Items not suitable for dishwashers:

- Wooden cutlery and crockery or items with wooden parts: these may discolour and fade. The glue used in these items is not dishwasher-proof and wooden handles may come loose after being washed in a dishwasher.
- Craft items, antiques, valuable vases and decorative glassware are also not suitable for dishwashers.
- Plastic items which are not heat resistant. The high temperatures in the dishwasher may cause them to melt or lose shape.
- Copper, brass, tin and aluminium items may discolour or become matt.
- Colours painted over a glaze may fade after a number of washes.
- Clouding may occur on glasses after frequent washing. Do not wash delicate glassware, or glassware containing lead crystal in a dishwasher.

We recommend:

- When purchasing new crockery and cutlery, make sure they are dishwasher-proof.
- If delicate glassware is washed in the dishwasher ensure that only very low temperatures are used (see programme chart). This will reduce the risk of clouding.
- Wash particularly delicate glassware by hand.

Please note

Silverware previously cleaned with a **silver polish** may still be damp or spotted at the end of a programme, where water has not run off smoothly. It may need rubbing dry with a soft cloth. Silver treated in a silver immersion dip is usually dry at the end of a programme but may tarnish.

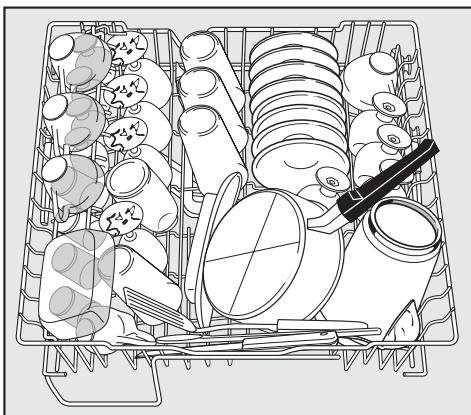
Silver which has been in contact with foods containing sulphur can discolour. These include egg yolk, onions, mayonnaise, mustard, pulses, fish, fish brine and marinades.



Aluminium components (e.g. grease filters) must not be cleaned with caustic alkaline commercial or industrial cleaning agents. These may damage the material, or in extreme cases, cause a severe chemical reaction.

Loading the machine

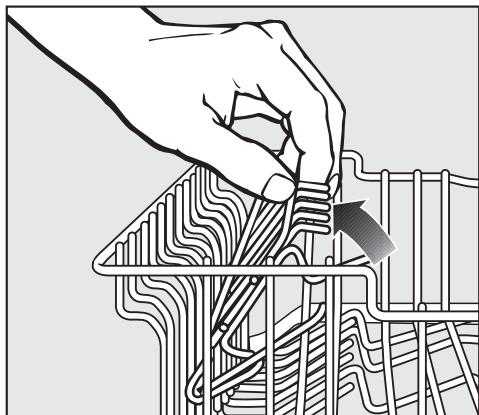
Upper basket



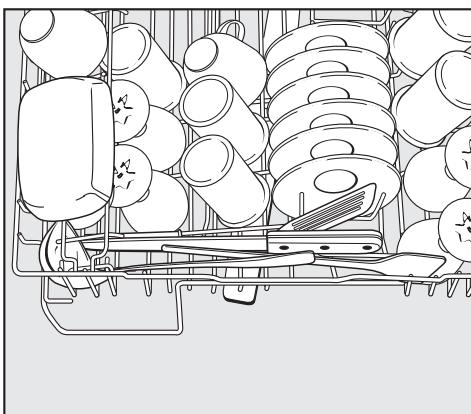
For small, lightweight, delicate items such as cups, saucers, glasses, dessert bowls, etc.

Shallow pans or casserole dishes can also be placed in the upper basket.

Hinged cup rack



To make room for tall items, raise the rack upwards.



Long items such as soup ladles, mixing spoons and long knives should be placed lying down across the front of the upper basket.

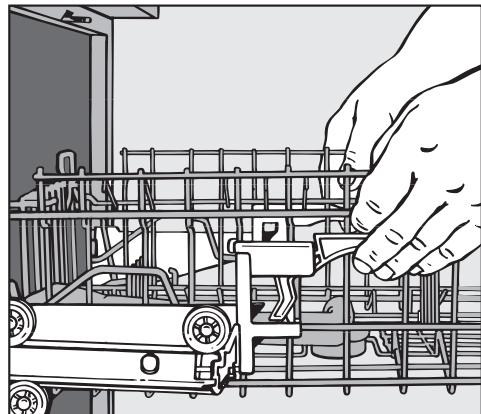
Loading the machine

Adjusting the upper basket

In order to gain more space for taller pieces of crockery in the bottom or upper basket, the upper basket can be adjusted on three levels with 2 cm between each level.

The upper basket can also be set at an angle with one side high and the other side low. Ensure, however, that the basket can be inserted smoothly into the cabinet. It is better to adjust the basket before loading it.

- Pull out the upper basket.



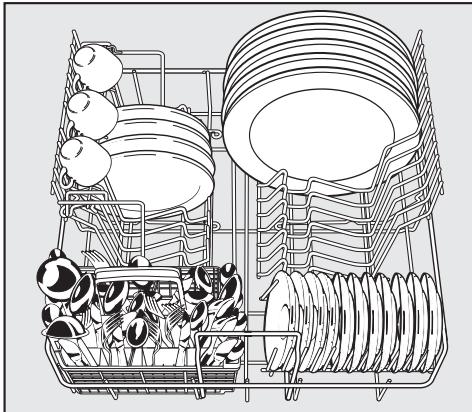
- Pull upwards on the levers at either side of the upper basket.
- Adjust the basket to the desired height.
- Then push the levers securely back down into position.

Depending on the setting of the upper basket, the following plate dimensions can be accommodated.

Upper basket level	Plate Ø in cm	
	Upper basket	Lower basket
Top	21.5	30
Middle	23.5	28
Bottom	25.5	26

Loading the machine

Lower basket

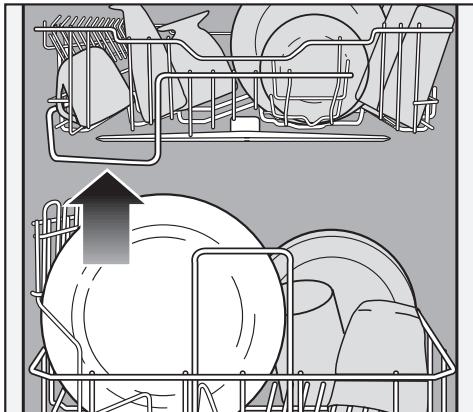


For larger and heavier items such as plates, serving platters, saucepans, bowls, etc.

Glasses and small items such as saucers can also be placed in the lower basket.

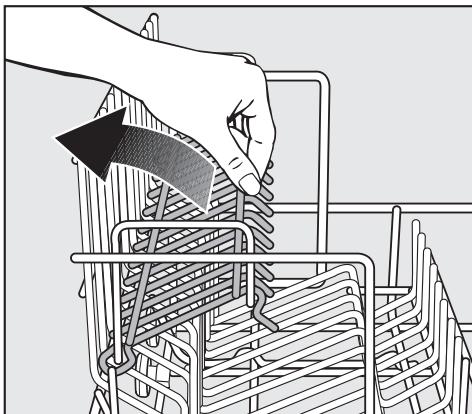
Do not place thin, delicate glassware in the lower basket.

Height limitation



The stay at the front of the upper basket determines the maximum height permissible for items placed in the lower basket to ensure they do not impede the movement of the middle spray arm.

Hinged cup rack



To make room for tall items, raise the rack upwards.

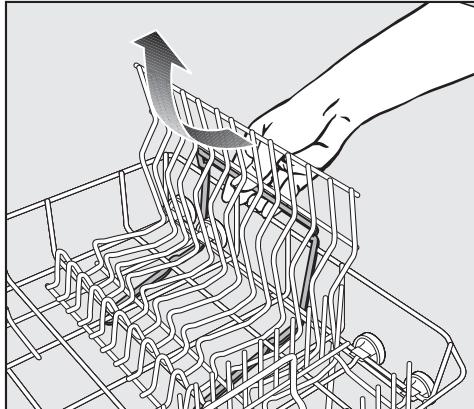
Loading the machine

Lower basket inserts

A variety of inserts for washing crockery in the lower basket are available to order.

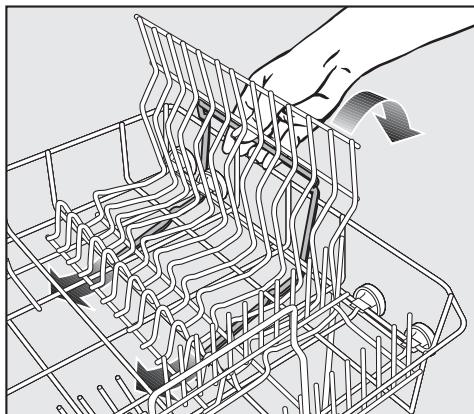
To remove an insert

- Pull upwards by the handle as shown.



To refit it

- Fit the insert into the lower basket with the hooks going under the long cross piece as illustrated.
- Press down on the handle until the insert is securely held in position.



Detergent

 Only use detergents formulated for dishwashers. Do not use washing up liquid.

Do not use tablet detergent as the short programme durations will not allow the tablets to dissolve properly.

- Use conventional powder detergent. Refer to the dosing instructions given by the manufacturer on the packaging.

If you wish to use liquid detergent, you will need to purchase a DOS G 60 dispensing module.
(See "Programming special functions, Dispensing system settings").

- Put powder detergent into the dispenser compartment.

Detergent manufacturers give the required amount of detergent for a particular programme on their packaging.

- Use at least 30 ml of detergent for a full load in the following programmes::

- MINI,
- MIDI,
- MAXI,
- BEER GLASSES,
- GLASSWARE.

If the manufacturer recommends using more detergent than this, use the amount recommended.

Failure to dispense the recommended amount of detergent may impair cleaning results.

Operation

Adding detergent

 Avoid inhalation of powder detergents and do not ingest dishwasher detergent. Dishwasher detergents contain irritant or corrosive ingredients. They can cause burning in the nose, mouth and throat if swallowed, or inhibit breathing. Consult a doctor immediately if detergent has been swallowed or inhaled.

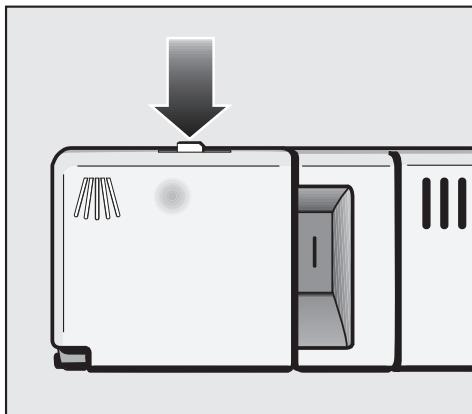
Keep detergent and other cleaning agents out of the reach of children at all times. Keep children away from the dishwasher when the door is open. There could still be detergent residues in the cabinet. To avoid the danger of children coming into contact with the dishwasher detergent only add detergent just before starting the programme and close the door, activating the child safety lock.

See the programme chart for recommended dispensing amounts.

For information

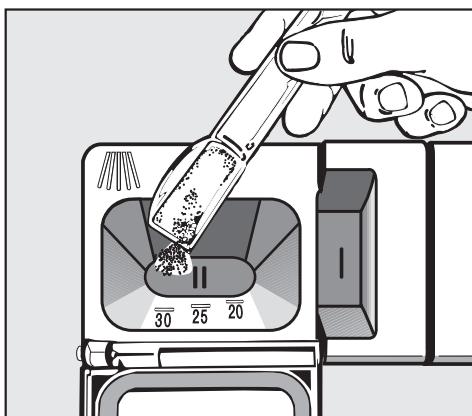
Compartment I holds max. 20 ml, Compartment II holds max. 70 ml.

There are markings in compartment II to assist with dispensing: 20, 25, 30. The marks indicate a level of approx. 20, 25 or 30 ml when the door is open in a horizontal position.



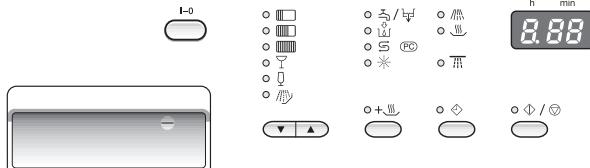
- Press the opening catch on the detergent dispenser. The flap will spring open.

The flap is always open at the end of a programme.



- Add the required amount of detergent and close the flap.
- Ensure that the detergent package is properly sealed after use. Otherwise the detergent can lose its effectiveness.

Miele
PROFESSIONAL



Switching on

- Make sure the spray arms are not obstructed.
- Close the door.
- Open the stopcock, if it is closed.
- Press the On/Off button **I-O**.

The Start/Stop indicator light \diamond/\ominus will flash and the indicator light next to the last programme selected will also come on.

Selecting a programme

Choose your programme according to the type of load, and the degree of soiling.

The different programmes and their uses are described in the programme chart at the end of this booklet.

Starting a programme

- Please refer to the programme chart before selecting a programme.
- Then use the programme selector buttons $\blacktriangle/\triangledown$ to select the programme you wish to use.

The duration of the programme selected will appear in the display in hours and minutes.

Use the \blacktriangle button to scroll down through the programmes.

Use the \triangledown button to scroll up through the programmes.

The indicator light next to the programme selected will come on.

Operation

Note:

You can now select the "Delay start"  or "Drying" +  additional functions if wished (see "Additional functions").

- Press the Start/Stop button .

The programme will begin. The Start/Stop indicator light  and the indicator light next to the last programme selected will come on. The sequence indicator light for the current programme stage reached will also come on.

Do not finish a programme prematurely.

Important programme stages (e. g. reactivating the water softener) could be omitted.

Programme sequence indicators

After a programme has been started, the current stage of the programme is indicated by the programme sequence indicator lights.

The indicator light for the **active** programme stage lights up during the programme.

 Main wash / Rinses

 Drying (additional function)

Display

The duration of the programme selected appears in hours and minutes in the display before the programme begins. During the programme the time left until the end of the programme is displayed.

The time displayed may vary with the same programme. This is due to the water inlet temperature at each intake.

When a programme is selected for the first time, the display shows an average time for a cold water intake.

Each time a programme is run, the electronic unit takes the water temperature and the size of the load into account, and calculates the time required. This new figure is then displayed when this programme is next selected.

At the end of a programme

□ appears in the display when the programme has finished.

The dishwasher can now be opened and unloaded (see "Unloading the dishwasher").

For safety's sake it is always advisable to switch the dishwasher off if you do not wish to start another programme immediately.

Drying fan running time:

During the drying phase, as long as the door of the dishwasher remains closed, moist air is expelled through the ventilation outlet for the drying fan. To prevent the risk of steam damage to the worktop edging above the dishwasher, you can select the "Drying" +  additional function before starting the programme. The drying fan will then run for longer after the end of the programme until the door is opened (up to a maximum of 45 minutes after the programme has finished).

Switching off

At the end of a programme:

- Press the On/Off button **I-O**.

The Start/Stop indicator light  will go out.

The dishwasher continues to use electricity until switched off using the On/Off button.

If the dishwasher is not to be used for a longer period of time, e.g. whilst on holiday, the stopcock should be turned off.

Unloading the dishwasher

Dishes tend to break and chip more easily when they are hot. Allow the dishes to cool until they are comfortable enough to handle before unloading them.

If you open the door fully after switching off, the dishes will cool much faster.

- First unload the lower basket, then the upper basket.

This will prevent water drops from the upper basket from falling onto the dishes in the lower basket.

Operation

Interrupting a programme

A programme is interrupted as soon as the door is opened.

If the door is closed again, the programme will continue from the point it was at before the door was opened.

 Water in the dishwasher may be hot. Danger of scalding!
Only open the door if absolutely necessary and exercise extreme caution when doing so. Before closing the door again, leave it ajar for approx. 20 seconds. This will enable the temperature in the wash cabinet to settle. Then close the door firmly making sure that it clicks into place.

Changing a programme

Important:

If the detergent dispenser flap has already opened, do not change the programme.

If a programme has already started and you wish to change it, proceed as follows:

- Press the Start/Stop button  for at least one second.

The programme will be cancelled and the Start/Stop indicator light  will flash.

- Then use the programme selector buttons  to select a different programme.

The indicator light next to the programme selected will come on.

- Select the "Drying" and "Delay start" additional functions again if wished (see "Additional functions").

- Press the Start/Stop button .

The programme will begin.

Additional functions

Delay start

The starting time of a programme can be delayed, e.g. to benefit from economy rates of electricity. A delay start time of between 30 minutes and 24 hours can be selected.

With a delay start time of between 30 minutes and 9 hours 30 minutes, the delay is set in 30 minute stages. For 10 hours or more it is set in one hour stages.

- Switch the dishwasher on with the On/Off button **I-O**.
- The Start/Stop indicator light $\diamond/\textcircled{\times}$ will flash.
- Use the programme selector buttons $\blacktriangleleft/\blacktriangleright$ to select a the programme you want.
- Press the Delay start button \diamond .

The delay start time which was set the last time the delay start function was used will then appear in the display in hours and minutes. The "Delay start" \diamond indicator light will come on.

- Press the "Delay start" button \diamond repeatedly until the delay start period you want shows in the display. If the button is kept pressed in, the time will increase or decrease automatically.

Pressing the "Delay start" button \diamond again when a delay period of **24h** is showing in the display switches the function off.

The duration of the programme selected will appear again in the display.

Note:

You can now select the DRYING additional function (see next page).

- Press the $\diamond/\textcircled{\times}$ button.

The $\diamond/\textcircled{\times}$ light will come on.

The time starts counting down until the programme start time: in 1 hour steps for delay start periods of over 10 hours, and in minutes for delay start periods of under 10 hours.

At the end of the delay period, the programme selected begins automatically. The time left for a programme to run then shows in the display, the \diamond indicator light goes out.

Operation

How the Delay start time is shown in the display:

up to 59 minutes:

e.g. 30 minutes = **30**

between 1 hour and 9 hours 30

minutes:

e.g. 5 hours = **5.00**

10 hours and over:

e.g. 15 hours = **15h**

 To prevent children coming into contact with dishwasher detergent do not fill the detergent dispenser **until just before starting the programme**, i.e. before pressing the "Start" button and activate the child safety lock.

When using the "Delay Start" function, make sure that the compartment is dry before adding detergent. Wipe dry with a cloth if necessary.

Starting a programme before the Delay start period has elapsed:

A programme can be started before the Delay start period has elapsed.

Proceed as follows:

- Press the  button for at least one second.

The  indicator light will go out.

Note:

If the "Drying" additional function had been selected, then you will need to select it again.

- Press the Start/Stop button .

The programme will begin. The  and  indicator lights will come on.

Drying

The "Drying" additional function can be selected immediately after selecting the programme. N.B. It cannot be selected with the  COLD programme. The drying process is carried out by the built-in turbothermic fan and depending on the programme, additional heating which switches on for 11 - 17 minutes. The total programme duration will increase accordingly.

- First select the programme you require.
- Then press the  button to select the "Drying" additional function.
- Press the Start/Stop button  to start the programme and the "Drying" additional function.

Dispensing system settings for DOS Module G 60 or C 60 (optional extras)

For future servicing work, please document any alterations to the standard factory settings. Enter any alterations in the relevant Value set: _____ box.

Setting the dosage:

It is not possible to set the dosage while a programme is running. You will have to cancel the programme. The $\diamond/\circlearrowright$ indicator light must be flashing.

- Set the dosage selector on the DOS module to position 10 (applies to DOS Module C 60 only).
- Switch the dishwasher off with the On/Off button **I-O**.
- Press the $+$ and $\diamond/\circlearrowright$ buttons in and **whilst holding them in** switch the dishwasher on with the On/Off button **I-O**.
Then release these buttons.

The "Main wash/Rinses" $\swarrow\searrow$ indicator light will come on and the "Salt" S indicator light will flash.

If this does not happen, start the procedure from the beginning again.

The set water hardness will then appear in the display.

- Press the $+$ button once.

The set dispensing time will appear in the display, e.g. **10** (factory setting).

The W indicator light will come on. (This shows the programming level)

The S indicator light will flash.

The programming level for the DOS module has now been called up.

Set the dosage according to the manufacturer's recommendations.

The machine needs 5.4 litres of water in the main wash stage of the programme.

Example:

A manufacturer recommends 4 ml cleaning agent per litre of water:
 $5.4 \text{ l} \times 4 \text{ ml/l} = 21.6 \text{ ml}$.

2 ml \triangleq 1 second dispensing time; i.e. programme to 11 seconds.

- Use the programme selector buttons $\blacktriangledown\blacktriangleright$ to select the value that corresponds to the dispensing time you want.

Use the \blacktriangledown button to scroll down and select a lower value.

Use the \blacktriangleright button to scroll up and increase the value.

The value set will appear in the display.

Programming special functions

Having changed a value or all values:

- Press the Start/Stop button \diamond/\ominus twice.

The indicator light beside the \diamond/\ominus button will flash.

The programmed dispensing time is now stored in memory.

- Switch the dishwasher off with the On/Off button **I-0**.

Value set: _____

Venting the dispensing system:

It is not possible to vent the system while a programme is running. You will have to cancel the programme. The \diamond/\ominus indicator light must be flashing.

- Set the dosage selector on the DOS module to position 10 (applies to DOS Module C 60 only).
- Switch the dishwasher off with the On/Off button **I-0**.
- Press the $+\text{W}$, and \diamond/\ominus buttons in and **whilst holding them in** switch the dishwasher on with the On/Off button **I-0**.

Then release these buttons.

The "Main wash/Rinses" $/W$ indicator light will come on and the "Salt" S indicator light will flash.

The set water hardness will then appear in the display.

- Press the $+\text{W}$ button once.

The set dispensing time will appear in the display, e.g. **10** (factory setting).

The W indicator light will come on. (This indicates the programming level.)

The S indicator light will flash.

- Press the \diamond button once.
"do1" will appear in the display.

- Press the \diamond button again.

The venting process will be carried out. The time remaining will appear in the display.

At the end of the time **0** will appear in the display. The dispensing system has now been vented.

- Switch the machine off with the **I-0** button.

Immediately after this: start the W COLD programme so that after venting, any agents in the wash cabinet are diluted before being drained away.

Programming special functions

Special function 1 Increasing the final rinse temperature

If you alter the final rinse temperature, make a note of the new temperature in the appropriate column of the **Programme chart**.

The **final rinse temperature** factory setting is listed in the programme chart. You can use Special function 1 to increase the final rinse temperature from 65 °C to 85 °C.

If a final rinse temperature of 85 °C has been set, the drying fan will switch on when the temperature reaches 65 °C to dissipate the steam. The drying fan will continue to run for 45 minutes after the programme has finished.

We recommend programming a final rinse temperature of 65 °C for cleaning dirty crockery.

The final rinse temperature cannot be altered in the  (GLASSWARE) or the  (BEER GLASSES) programme.

It is not possible to alter the final rinse temperature while a programme is running. You will have to cancel the programme first. The / indicator light must be flashing.

- Switch the dishwasher off with the On/Off button **I-0**.
- Press the  and  buttons in and **whilst holding them in** switch the dishwasher on with the On/Off button **I-0**.

Then release these buttons.

The "Main wash/Rinses"  indicator light will come on and the "Salt"  indicator light will flash.

The set water hardness will then appear in the Time left display.

- Press the  button twice.

The  indicator light will come on to show that you are in programming level.

The  indicator light will come on or will flash to show that you are in Special programme 1.

The  indicator light will flash.

Special function 1 "final rinse temperature increased" is selected and will be shown in the display in double digits.

- 10 Final rinse temperature increased OFF.

The  indicator will flash (final rinse temperature 65 °C).

- 11 Final rinse temperature increased ON.

The  indicator will light up. (final rinse temperature 85 °C).

The first figure is the number of the Special function. The second figure shows whether or not the function is activated.

You can now use the / button to switch the function on or off.

You can use the / programme selector buttons to select either Special function 1 or Special function 2. (10 or 11 to 20 or 21 in the display)

Programming special functions

Having changed a value or all values:

- Press the Start/Stop button  twice.

The indicator light beside the  button will flash.

The programmed setting is now stored in memory.

- Switch the dishwasher off with the On/Off button **I-O**.

Programming special functions

Special function 2 Increasing the water level

For future servicing work, please document any alterations to the standard factory settings.
Enter any alterations in the relevant Value set: _____ box.

It is not possible to alter the water level while a programme is running. You will have to cancel the programme first. The \diamond/\otimes indicator light must be flashing.

The amount of water taken into the machine at each intake can be increased by 20 %.

- Switch the dishwasher off with the On/Off button **I-O**.
- Press the $+\text{W}$ and \diamond/\otimes buttons in and **whilst holding them in** switch the dishwasher on with the On/Off button **I-O**.

Then release these buttons.

The "Main wash/Rinses" W/W indicator light will come on and the "Salt" S indicator light will flash.

If this does not happen, start the procedure from the beginning again.

The set water hardness will then appear in the display.

- Press the $+\text{W}$ button twice.

To start with, Special function 1 "final rinse temperature increased" is selected and will be shown in the display in double digits (10 or 11).

- Press the \square until **20** or **21** appears in the display.

The W indicator light will come on to show that you are in programming level.

The \square indicator light will come on or will flash to show that you are in Special programme 2.

The S indicator light will flash.

Special function 2 "Water level" is selected and will be shown in the display in double digits.

- 20** Water level increased OFF.
The \square indicator light will flash.
- 21** Water level increased ON.
The \square indicator light will come on (20% more water will be taken into the machine at each water intake).

The first figure is the number of the Special function. The second figure shows whether or not the function is activated.

You can now use the $+\text{W}$ button to switch the increased water level function on or off.

You can use the $\square\triangle$ programme selector buttons to select either Special function 1 or Special function 2. (10 or 11 to 20 or 21 in the display)

Programming special functions

Having changed a value or all values:

- Press the Start/Stop button  twice.

The indicator light beside the  button will flash.

The programmed setting is now stored in memory.

- Switch the dishwasher off with the On/Off button **I-O**.

Value set: _____

Check your dishwasher regularly (approx. every 4 - 6 months). This way faults and problems can be avoided.

Cleaning the filters in the wash cabinet

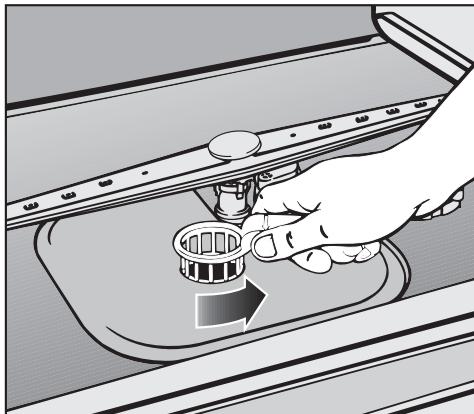
The filter combination in the base of the wash cabinet retains coarse soil from the suds solution, preventing it accessing the circulation system and re-entering the cabinet through the spray arms.

 The dishwasher must not be used without all the filters in place.

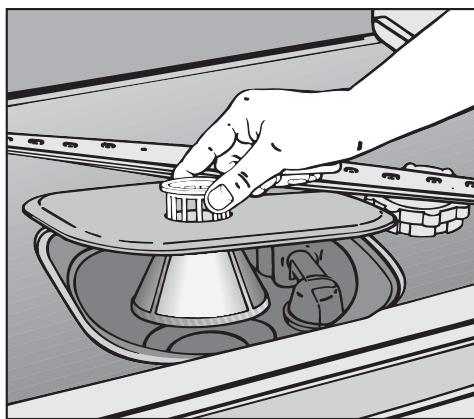
Collection of coarse soil may cause the filters to clog.

Check the filter combination regularly (every 4 - 6 months) and clean if necessary.

- Switch the dishwasher off.

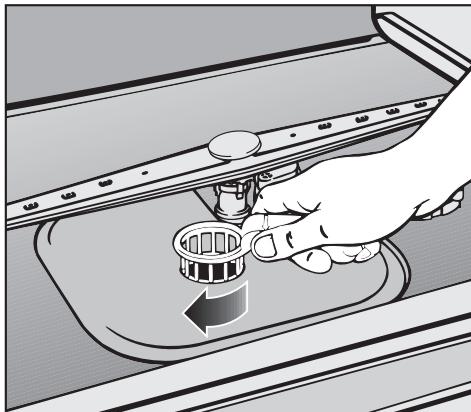
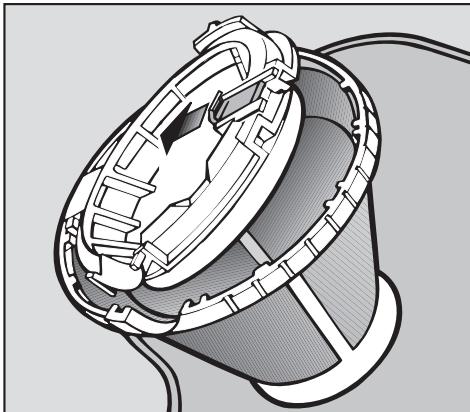


- Turn the handle anti-clockwise to release the filter combination.



- Lift the filter combination out of the dishwasher. Remove any coarse particles and rinse the filter under running water. Use a nylon brush if necessary.

Cleaning and care



To clean the inside of the filter, the flap must be opened:

- Pull back the yellow clip to do this.
- Rinse all parts under running water, using a nylon brush if necessary.
- Then close the flap so that the catch engages.

- Replace the filter combination so that it lies flat in the base of the wash cabinet.
- Then turn the handle clockwise to lock the filter combination in place.



Take care when you are fitting the filter combination that it is secured in position correctly. Otherwise coarse soil could get into the circulation system and cause a blockage.

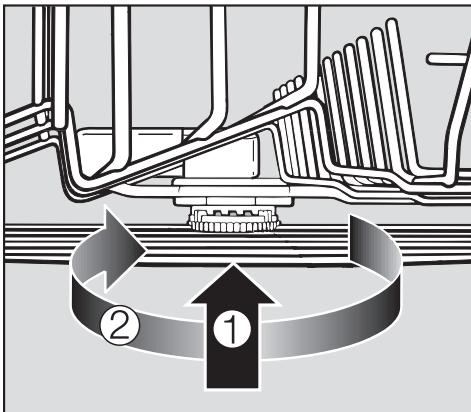
Cleaning the spray arms

Particles of food can get stuck in the spray arm jets and bearings. The spray arms should therefore be inspected and cleaned regularly (approx. every 4 - 6 months).

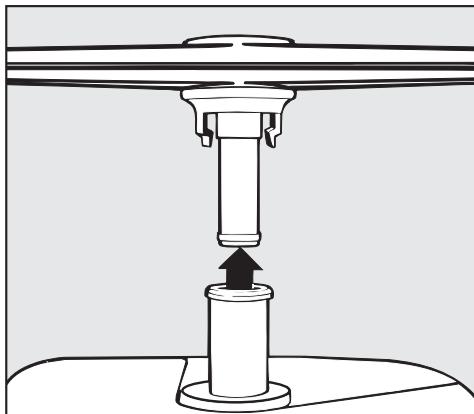
- Switch the dishwasher off.

Remove the spray arms as follows:

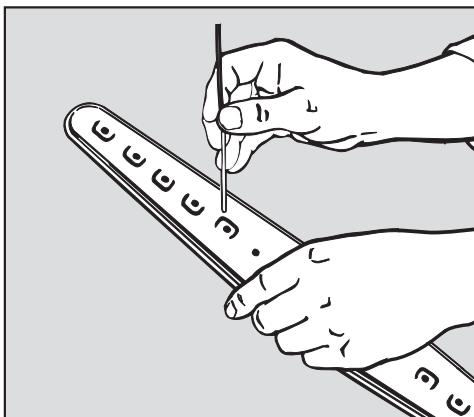
- Push the **top** spray arm upwards to engage the inner ratchet. Then unscrew the spray arm.



- Push the **middle** spray arms upwards ① to engage the ratchet. Then unscrew the spray arm ②.
- Remove the lower basket.



- Pull the **lower** spray arm firmly upwards to remove it.



- Use a pointed object to push food particles into the spray arm jets.
- Rinse thoroughly under running water.
- Replace the spray arms and check that they rotate freely.

Cleaning and care

Cleaning the wash cabinet

The wash cabinet is largely self-cleaning, provided that the correct amount of detergent is always used.

Limescale or grease deposits in the cabinet can be removed with a proprietary dishwasher cleaner, available from good retail outlets.

Cleaning the door and the door seal

- Wipe the door seals regularly with a damp cloth to remove food deposits.
- When the dishwasher is being loaded, food and drink residue may drip onto the sides of the dishwasher door. These surfaces are outside the wash cabinet and are not accessed by water from the spray arms. Any soiling should be wiped off these surfaces before the door is closed.

E-Cloth

- A microfibre "E-Cloth" is available from the Miele UK Spare Parts Department, which is suitable for cleaning surfaces such as stainless steel, glass, plastic and chrome without the use of chemicals.

Cleaning the control panel

 Do not use abrasive cleaning agents, glass cleaning agents or all-purpose cleaners. Because of their chemical composition they could cause serious damage to surfaces.

Plastic panels:

- This type of control panel should only be wiped with a damp cloth or suitable cleaning agent designed for use on plastic.

Stainless steel panels:

- Control panels made of stainless steel should be cleaned using a damp cloth and a little washing up liquid, or a proprietary non-abrasive cleaning agent designed specifically for use on stainless steel (do not use it on the controls).
- To help prevent re-soiling, a proprietary conditioning agent for stainless steel, such as Neoblank (available from the Miele Spare Parts Department) can also be used.

Aluminium panels:

- Clean aluminium panels with a damp cloth and a little washing up liquid.

Aluminium is affected by the way that light falls on it, by the surrounding environment and by the angle you observe it from.

 Stainless steel and aluminium surfaces and controls are susceptible to scratching and abrasion, and must be treated with due care. They may suffer discolouration or damage if soiling is left on them for too long. Remove soiling immediately.

Cleaning the door front

- Clean the front using a Miele E-cloth or with a suitable cleaning agent for the type of material the front is made of. Follow the manufacturer's instructions.
- Door fronts made from wood should only be cleaned using a damp chamois leather and then dried with a soft cloth.
- Door fronts made of stainless steel should be cleaned using a damp cloth and a little washing up liquid, or a proprietary non-abrasive cleaning agent designed specifically for use on stainless steel.
- To help prevent re-soiling, a proprietary conditioning agent for stainless steel, such as Neoblank (available from the Miele Spare Parts Department) can also be used.

 Do not use any cleaning agents containing ammonia or thinners. These would damage the surface structure.

Problem solving guide

With the aid of the following guide, minor problems can be easily corrected without calling in a Miele service technician, saving you both time and money.

 Repairs should only be carried out by a suitably qualified and trained person in accordance with local and national safety regulations. Unauthorised or incorrect repairs could cause personal injury or damage the dishwasher.

Problem	Possible cause	Remedy
The "Start/Stop" indicator light does not flash after the appliance has been switched on with the "On/Off" button.	<p>The door is not properly closed.</p> <p>The appliance is not plugged in.</p> <p>The fuse is defective or has tripped.</p>	<p>Close the door firmly.</p> <p>Insert the plug.</p> <p>Replace the fuse (see data plate for minimum fuse rating).</p>
The dishwasher stops during a programme.	The fuse is defective or has tripped.	Replace the fuse (see data plate for minimum fuse rating).
The "Water inlet" indicator light lights up and flashes alternately.	<p>The stopcock is closed.</p> <p>The water inlet filter is blocked.</p>	<p>Open the stopcock fully.</p> <p>Before rectifying the problem you must:</p> <ul style="list-style-type: none">– Press the "Start/Stop" button for at least one second.– Switch the dishwasher off using the "On/Off" button. <p>Then:</p> <ul style="list-style-type: none">– Clean the water inlet filter, see "Cleaning the water inlet filter".
	The Waterproof system has reacted.	Call the Miele Service Department.

Problem solving guide

Problem	Possible cause	Remedy
The "Water inlet" indicator light is flashing and the programme does not continue.		Before rectifying the problem you must: <ul style="list-style-type: none">– Press the "Start/Stop" button for at least one second.– Start the programme again.
	The stopcock is closed.	Open the stopcock fully.
	The water inlet filter is blocked.	Before rectifying the problem you must: <ul style="list-style-type: none">– Press the "Start/Stop" button for at least one second.– Switch the dishwasher off using the "On/Off" button. Then: <ul style="list-style-type: none">– Clean the water inlet filter, see "Cleaning the water inlet filter".
	The water pressure at the intake is lower than 0.3 bar.	Seek professional advice.

Problem solving guide

Problem	Possible cause	Remedy
The "Drain" indicator light is flashing and the programme has stopped.		Before rectifying the problem you must: <ul style="list-style-type: none">– Press the "Start/Stop" button for at least one second.– Switch the dishwasher off using the "On/Off" button.
	The filter combination in the wash cabinet is clogged.	Clean the filter combination, see "Cleaning and Care".
	The drain pump or non-return valve may be blocked.	Clean the drain pump and the non-return valve, see "Cleaning the drain pump and non-return valve".
	The drain hose is kinked.	Remove any kink in the drain hose.

Problem solving guide

Problem	Possible cause	Remedy
Three horizontal bars show in the Time left display at the end of the programme: - - -	There may be a technical fault.	<ul style="list-style-type: none"> – Press the "Start/Stop" button for at least one second. – Switch the dishwasher off using the "On/Off" button. <p>After a few seconds:</p> <ul style="list-style-type: none"> – Switch the dishwasher on using the "On/Off" button. – Then use the programme selector buttons to select the programme you wish to use. – Press the "Start/Stop" button <p>If the three horizontal bars appear again at the end of the programme, there is a technical fault.</p> <ul style="list-style-type: none"> – Call the Miele Service Department.
Knocking noise in the wash cabinet.	The spray arm is knocking against an item in the basket.	Interrupt the programme and rearrange items which are obstructing the spray arm.
Rattling noise.	Items of crockery are insecure in the wash cabinet.	Interrupt the programme and rearrange the items of crockery.
Knocking noise in the water pipes.	This may be caused by the on-site installation or the cross-section of the piping.	This has no influence on dishwasher function. If in doubt contact a suitably qualified plumber.

Problem solving guide

Problem	Possible cause	Remedy
The dishes are not clean.	<p>The dishes were not loaded correctly. Dishes were placed inside other pieces, water could not access all surfaces.</p>	See notes in "Loading the dishwasher".
	<p>The outlet of the water intake pipe for the middle spray arm was covered. An insufficient amount of water flowed into the middle spray arm.</p>	Make sure that dishes placed in the rear section of the upper basket do not cover the opening.
	<p>The programme was not powerful enough.</p>	Select a more powerful programme, see "Programme chart".
	<p>Not enough detergent was dispensed.</p>	Use more detergent, see "Operation".
	<p>Tall items are blocking the path of the spray arms.</p>	Rearrange the items so that the spray arms can rotate freely.
	<p>The spray arm jets are blocked.</p>	Clean the spray arm jets, see "Cleaning and Care".
	<p>The filter combination in the base of the wash cabinet is not clean or is not correctly fitted. This may cause the spray arm jets to get blocked.</p>	Clean and/or replace the filter combination correctly. Clean the spray arm jets, see "Cleaning and Care".
	<p>The non-return valve is open and blocked. Dirty water has flowed back into the wash cabinet.</p>	Clean the drain pump and the non-return valve, see "Cleaning the drain pump and non-return valve".

Problem solving guide

Problem	Possible cause	Remedy
Dishes, cutlery and glasses are not dry or are flecked.	The rinse aid amount may be insufficient or the rinse aid reservoir empty.	Increase the dosage or replenish the reservoir, see "Before using for the first time".
	Crockery was taken out of the cabinet too soon.	Leave it in for longer, see "Operation".
White residue is visible on cutlery and crockery, clouding occurs on glassware; film can be wiped off.	Not enough rinse aid was used.	Increase the dosage, see "Before using for the first time".
	There is no salt in the salt reservoir.	Add dishwasher reactivation salt, see "Before using for the first time".
	The salt reservoir cap has not been screwed on correctly.	Replace it making sure it screws back on correctly.
Smearing appears on glassware and cutlery, there is a bluish sheen on the surface of glassware; film can be wiped off.	The rinse aid dosage is set too high.	Reduce the dosage, see "Before using for the first time".

Problem solving guide

Problem	Possible cause	Remedy
Glassware is dull and discoloured; film cannot be wiped off.	The glassware is not dishwasher-proof. The surfaces are affected.	There is no remedy. Purchase glassware which is dishwasher-proof.
Tea or lipstick stains have not been completely removed.	The wash temperature of the programme selected was too low.	Select a programme with a higher wash temperature.
	The bleaching effect of the detergent used is too low.	Use a different type of detergent.
Plastic items are discoloured.	Natural dyes e.g. from carrots, tomatoes or ketchup may be the cause. The amount of detergent used or its bleaching effect was not sufficient to deal with natural dyes.	Use more detergent, see "Operation". Discolouration is irreversible.
There are rust stains on cutlery.	The salt reservoir cap has not been screwed on correctly.	Replace it making sure it screws back on correctly.
	The affected items are not corrosion resistant.	There is no remedy. Purchase cutlery which is dishwasher-proof.
	The  COLD programme was not run after adding dishwasher salt. Traces of salt have got into the wash cycle.	Always run the  COLD programme after adding dishwasher salt.

Problem solving guide

Problem	Possible cause	Remedy
Detergent residue is left in the dispenser at the end of a programme.	The dispenser was still damp when detergent was added.	Make sure the dispenser is dry before adding detergent.
The detergent lid cannot be closed properly.	Clogged detergent residue is blocking the catch.	Remove the residue.
Water remains in the wash cabinet at the end of a programme.		Before rectifying the problem you must: – Press the "Start/Stop" button – Switch the dishwasher off using the "On/Off" button.
	The filter combination in the wash cabinet is clogged.	Clean the filter combination, see "Cleaning and Care".
	The drain pump or non-return valve may be blocked.	Clean the drain pump and the non-return valve, see "Cleaning the drain pump and non-return valve".
	The drain hose is kinked.	Remove any kink in the drain hose.

Problem solving

Cleaning the water inlet filter

A filter is incorporated in the screw connection of the valve on the water inlet hose. The filter must be cleaned when dirty, otherwise insufficient water flows into the wash cabinet.

 The plastic housing of the water connection contains an electrical component. It must not be dipped in water.

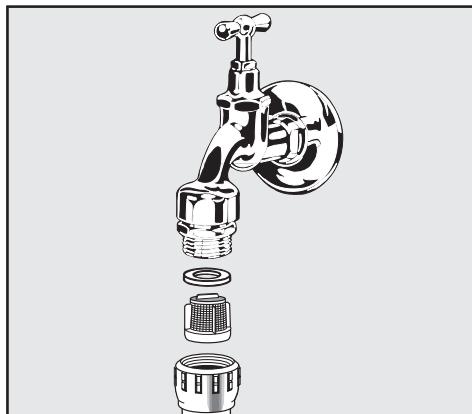
Recommendation

If the mains water contains a large number of insoluble substances, we recommend fitting a large-area filter in the connection between the stopcock and the water inlet hose threaded union.

This filter is available from your Miele dealer or the Miele Spare Parts Department.

Cleaning the filter:

- Disconnect the dishwasher from the mains supply (switch off at the mains socket, pull out the plug, switch off the appropriate circuit at the fuse box or withdraw the mains fuse).
- Close the stopcock.
- Unscrew the inlet hose.

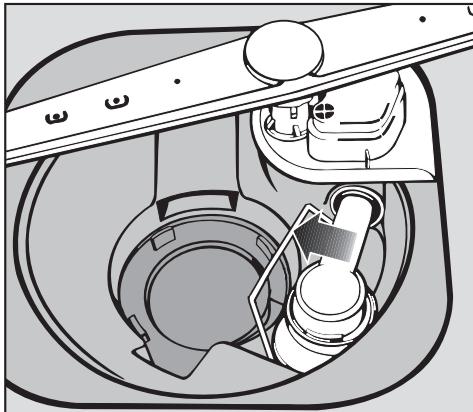


- Carefully remove the seal.
- Withdraw the filter using pointed pliers and rinse clean under running water.
- Replace the filter and seal, making sure they are sitting correctly.
- Reconnect the inlet hose to the stopcock, making sure it goes on correctly and is not cross-threaded.
- Turn on the stopcock gradually to test for leaks. If there is a leak, the inlet hose might not be on securely, or it may have been screwed on at an angle. Unscrew and reconnect it to the water inlet valve correctly.

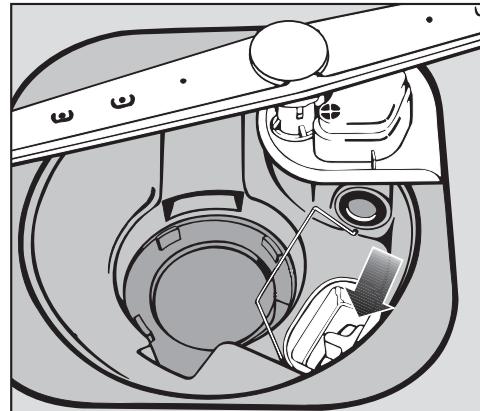
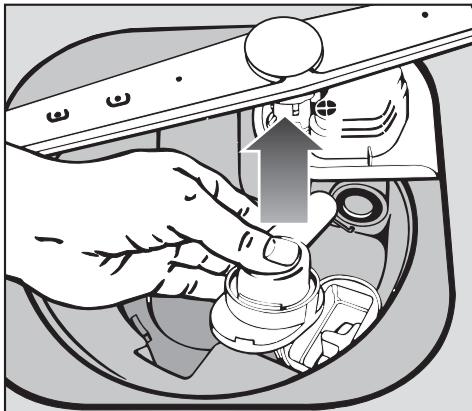
Cleaning the drain pump and non-return valve

If the water has not been pumped away at the end of a programme the drain pump or the non-return valve might be blocked. They are, however, easy to clean. Watch out for glass or bone splinters which could cause injury.

- Take the filter combination out of the wash cabinet (see "Cleaning and care", "Cleaning the filters in the wash cabinet").
- Scoop the water out of the cabinet using a suitable container or utensil.
- Raise the locking clamp for the non-return valve.



Problem solving



- Lift out the non-return valve and rinse well under running water.
- Remove all foreign objects from the non-return valve.

The drain pump is situated under the non-return valve (see arrow).

- Remove all foreign objects from the drain pump (watch out for glass or bone splinters which are particularly difficult to detect and could cause injury). Turn the drain pump impeller by hand to check that there are no more obstructions.
- Carefully replace the non-return valve and secure it with the locking clamp.

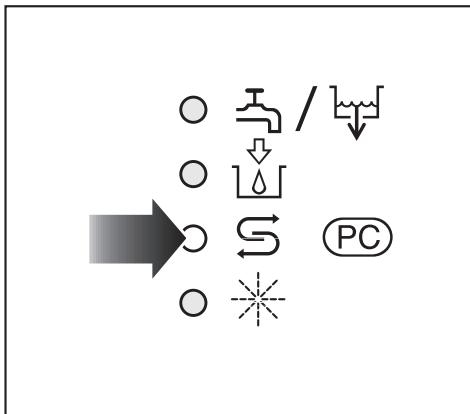
In the event of any faults that you cannot remedy yourself, please contact:

- your authorised Miele Service Dealer or
- the Miele Service Department (see back cover for contact details).
- When contacting your Dealer or the Miele Service Department, please quote the model type and number of your machine, both of which are shown on the data plate at the top of the door.

Please note that telephone calls may be monitored and recorded for training purposes.

Programme update function - PC

The programme update function (PC) is designed to enable a service technician to update your machine's electronics in keeping with advances in technology.



The "PC" indicator light is used as the interface for this programming.

Installation

Please refer to the installation diagram supplied with the machine.

 Furniture and fittings installed near the machine must be of a commercial standard able to withstand the effects of steam and condensation.

The machine must be installed correctly and levelled.

Any unevenness in the floor level can be compensated for and the height of the machine raised or lowered by adjusting the four screw feet.

The G 8050 machine is available in two installation versions:

Free-standing (G 8050)

- Install free-standing or
- Slot-in or at the end of a row:

The machine can be installed next to other machines or furniture, or in a suitable niche. The niche must be at least 60 cm wide and 60 cm deep.

Integrated ("i") dishwashers (G 8051)

(not available as GB electrical specification)

"i" dishwashers are specially designed for building under a continuous worktop.

- The accessories are included with "i" dishwashers in a separate package for on-site fixing.
- The front of the dishwasher is designed to take a front panel. It can be fitted with a furniture door front to match the rest of the kitchen.
- The dishwasher does not have a plinth facing. The plinth area of the dishwasher needs to be covered either with a plinth facing to match the kitchen furniture or with one which can be ordered as a special accessory. The separate plinth facing can be height adjusted to suit the kitchen. The plinth return is freely adjustable.

Please refer to the separate installation instructions supplied with "i" dishwashers.

Built-under ("U") (without a lid or rear panel) (G 8050 U)

■ Building-under:

Built-under machines are delivered without a lid or rear panel.

The machine can be installed under a continuous worktop or sink drainer.

The recess must be at least 60 cm wide, 60 cm deep and 82 cm high.

Depending on the requirements for building under, the following kits can be ordered from Miele:

Cover plate (protects the worktop)

The underside of the worktop is protected against water damage by a stainless steel plate.

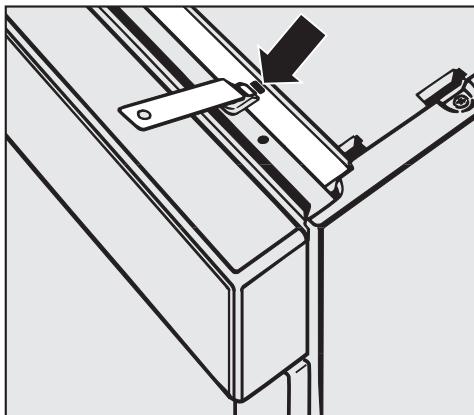
Decor frame fitting kit

The machine front can be fitted with a decor panel to match kitchen units.

The decor frame is supplied with fitting instructions.

Aligning and securing a "U" dishwasher

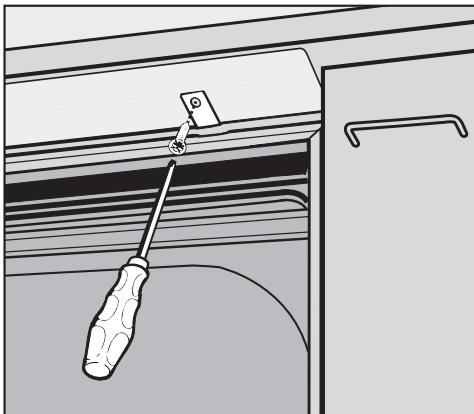
To ensure stability, the dishwasher must be fixed securely to the worktop. Two securing pieces are supplied with the dishwasher for this purpose.



- Fit the securing pieces into the slots on both the left and right hand sides.
- Push the dishwasher right back into its recess (making sure it is correctly aligned).
- Open the dishwasher door.

The holes in the securing pieces must line up with the long holes in the worktop cover plate. If this is not the case, adjust the position of the dishwasher in the niche (ensure that the dishwasher is the same distance from the neighbouring kitchen units on the right and left hand sides and line the dishwasher door front up with neighbouring door fronts).

Installation



Granite and marble worktops:

With these worktops the dishwasher must be securely screwed to neighbouring units on the right and left hand sides. For this you will require two special fixing brackets (available as a special accessory at extra cost).

- Screw the countersunk screws (3.9 x 22) supplied upwards through the securing pieces on the left and right hand sides into the work surface to secure the dishwasher.

Ensure that the seal on the top edge of the dishwasher fits directly against the worktop.

If this is not the case, adjust the feet a bit more.

Do not use silicone sealant to seal the gaps between the machine and any neighbouring units, as this would hinder ventilation to the circulation pump.

Electrical connection U.K.

All electrical work should be carried out by a suitably qualified and competent person, in strict accordance with current national and local safety regulations (BS 7651 in the UK).

Ensure power is not supplied to the appliance until after installation work has been carried out.

This equipment is supplied with a mains cable with moulded plug ready for connection to an 230-240V mains supply. **The voltage and connected load are given on the data plate.**

Please ensure these match the on-site supply. The fuse rating is quoted on the plug.

Connection should be made via a suitable switched socket which is easily accessible after installation.

For extra safety it is advisable to install a residual current device (RCD), with a trip current of 30 mA (in accordance with DIN VDE 0664, VDE 0100 Section 739).

Do not connect via an extension lead. Extension leads do not guarantee the required safety of the machine (e.g. danger of overheating).

Non-rewireable plugs BS 1363

The fuse cover must be refitted when changing the fuse, and if the fuse cover is lost, the plug must not be used until a suitable replacement is obtained. The colour of the correct replacement cover is that of the coloured insert in the base of the plug, or the colour that is embossed in words on the base of the plug (as applicable to the design of plug fitted).

Replacement fuses should be ASTA approved to BS 1362 and have the correct rating. Replacement fuses and fuse covers may be purchased from your local electrical supplier.

WARNING:
THIS APPLIANCE
MUST BE EARTHED

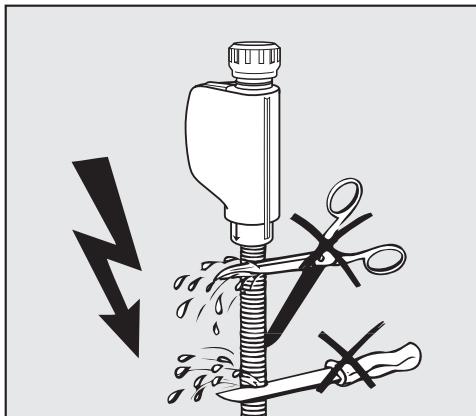
Plumbing

Connection to the water inlet

⚠ Water in the machine must not be used as drinking water.

- The machine must be connected to the water supply in accordance with local and national water authority regulations.
- This machine is constructed to comply with German water regulations (DVGW), and may be connected to a suitable supply without an extra non-return valve if national regulations permit.
- The water pressure (flow rate) must be a minimum of 0.5 bar (50 kPa). If the water pressure (flow rate) is below 2 bar (200 kPa), the filling time is automatically extended. The max. permitted static pressure is 10 bar (1000 kPa). If the water pressure is not in the range of 0.5 to 10 bar (50-1000 kPa) the  /  indicator light may come on and the fault code "F2E" show in the display. Please contact the Miele Service Department.
- The machine is supplied as standard for connection to a cold **or** a hot water supply up to a max. temperature of 60 °C.
- A stopcock with 3/4 inch male thread must be provided on site. It should be easily accessible so that the water supply can be turned off when the machine is not in use.

- The DN 10 inlet hose is approx. 1.7 m long terminating in a 3/4 inch female thread. A 1.5 metre long flexible metal extension hose, pressure tested to 140 bar, is available as an optional accessory if required. On no account may the inlet filter be removed.



⚠ The inlet hose must **not** be shortened or damaged in any way (see illustration).

See also the installation diagram supplied.

Drainage

- The drainage system is fitted with a non-return valve which prevents dirty water from flowing back into the machine via the drain hose.

- The machine should preferably be connected to a **separate** drainage system on-site.

If separate drainage is not available contact your Miele application specialist for professional advice.

The on-site drain connection point should be sited between 0.3 m and 1 m **above the lower edge of the machine.**

If it is lower than 0.3 m, lay the hose in a curve at a height of at least 0.3 m.

The drainage system must be able to take a minimum drainage flow of 16 l/min.

- The inlet hose is approx. 1.4 m long, is flexible and has an internal diameter of 22 mm. It must not be shortened.

Hose clips are supplied for securing it in position.

- A longer drain hose (up to 4 m long) is available to order from the Miele Spare Parts Dept.

- The drainage system must not exceed 4 metres.

See also the installation diagram supplied.

Programme chart

Programme	When to use	Powder detergent (when not using liquid cleaning agent)
		Follow manufacturers instructions
 MINI	For normally soiled loads.	30 g in the powder dispenser
 MIDI	For normally soiled items with a higher wash temperature for removing foods rich in starch .	30 g in the powder dispenser
 MAXI *)	For heavily soiled crockery. Most of the soiling is removed in an intensive cold-water pre-rinse.	30 g in the powder dispenser
 GLASSWARE	Special programme for glasses.	30 g in the powder dispenser
 BEER GLASSES	Special programme for beer glasses. (Instead of being left to dry in the machine, beer glasses are taken out and dried by hand).	30 g in the powder dispenser
 COLD	To rinse heavily soiled items, (e.g. for removing soiling or to prevent soiling drying on to dishes when a complete programme is not yet needed).	

*) **G 8051:** Standard programme for energy labelling.

Programme chart

Programme sequence						
Pre-rinse	Pre-wash	Main wash	Interim rinse I	Interim rinse II ¹⁾	Final rinse	Drying (Additional function)
X		X 55 °C 4'	X	(X)	X 65 °C 0.5'	(X)
X		X 65 °C 10'	X	(X)	X 65 °C 1.5'	(X)
X	X	X G 8050: 75 °C/10' G 8051: 55 °C/30'	X	(X)	X G 8050: 65 °C/1.5' G 8051: 60 °C/1.5'	(X)
X		X 50 °C 1'	X	(X)	X 50 °C 1'	(X)
X		X 50 °C 1'	X	(X)	X — ²⁾ 1'	(X)
	X Cold 12'					

X = Sections included in a programme (with temperature/temperature holding time)

- 1) If a second interim rinse is required, this must be programmed into the machine by a Miele service technician or authorised dealer.
- 2) With cold water and without rinse aid.

Technical data

Height:	85 (82) cm
Width:	60 cm
Depth:	60 cm
Voltage:	see data plate
Connected load:	see data plate
Fuse rating:	see data plate
Mains connection cable:	approx. 1.8 m
Water pressure (flow rate):	0.5 - 10 bar (50 - 1000 kPa)
Cold or hot water connection:	up to max. 60 °C
Delivery head:	min. 0.3 m, max. 1 m
Drainage length:	max. 4 m
Inlet hose:	approx. 1.7 m
Drain hose:	approx. 1.4 m
Noise level in dB (A):	
Sound level LpA	Free standing: <60 Bulit-in: <70
Test marks:	VDE, interference suppression, DVGW

**United Kingdom:**

Miele Co. Ltd.
Fairacres, Marcham Road
Abingdon, Oxon, OX14 1TW
tel. Abingdon (01235) 554455
Service Office: (01235) 554466
fax (01235) 554477
Internet: www.miele.co.uk

Ireland:

Miele Ireland Ltd.
Broomhill Road, Tallaght, Dublin 24
Tel: (01) 46 10 710, Fax: (01) 46 10 797
Email: info@miele.ie
Internet: <http://www.miele.ie>

Australia:

Miele Australia Pty. Ltd.
A.C.N. 005635398
1 Gilbert Park Drive
Knoxfield, VIC 3180
Telephone: (03) 9764 7100

Fax: (03) 9764 7129
Internet: www.miele.com.au

Distributor New Zealand:

Steelfort Engineering Company, Ltd.
500 Rangitikei Street
Palmerston North, Priv. Bag 11045, NZ
Telephone: (06) 350 1350
Fax: (06) 356 1507

South Africa:

Miele (Pty) Ltd
63 Peter Place
Bryanston 2194
P.O. Box 69434
Bryanston 2021
Tel.: (011) 548 1900
Telefax (011) 548 1935
Internet: www.miele.co.za
E-mail: info@miele.co.za

Singapore:

Miele Southeast Asia
Miele Pte. Ltd.
163 Penang Road
04 - 02/03 Winsland House II
Singapore 238463
Tel : +65-67351191
Fax: +65-67351161
Email: infosea@miele.com.sg
Internet: www.miele.sg

Hong Kong:

Miele (Hong Kong) Limited
AIA Plaza, 24th Floor
18 Hysan Avenue
Causeway Bay
Hong Kong
Tel.: (852) 2610 1331
Fax: (852) 2610 1013
E-mail: mielehk@miele.com.hk